

Stuccolite Patcher

BONSAL® Stuccolite Patcher is a light weight polymer modified, cement repair product.

FEATURES AND BENEFITS:

- Bonds to Existing Autoclaved Aerated Concrete (AAC)
- Can be Used in Any Thickness
- Does Not Shrink
- Sets in 30 minutes
- Ready for Light Use in 12 - 24 Hours, Heavy Use in 48 Hours
- Can be Used for Vertical or Overhead Repairs

USES:

Repair of Aerated Concrete

- Cavities
- Honeycombs
- Core Holes
- Damaged Block and Panels
- Pointing of Plant-Ons and Details

PREPARATION:

Clean area and remove all unsound concrete, grease, oil, paint, and any other foreign materials that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened. Refer to:

- ASTM D 4258 Surface Cleaning Concrete for Coating
- ASTM D 4261 Surface Cleaning Concrete Unit Masonry for Coating

Under conditions of high temperatures, dampen substrate with water prior to applying BONSAL® Stuccolite Patcher.

MIXING:

Use 1 3/4 to 2 gallons of potable water per 50 lb. bag and mechanically mix for 3 to 5 minutes before using. Mix only the amount of material that can be used in 15 minutes.

Discard any material that sets up.

PLACEMENT:

Placement Temperature

	Minimum	Maximum
Substrate	50°F	110°F
Mix	60°F	70°F
Air	50°F	110°F

PLACEMENT (Cont.):

During cold weather store the Stuccolite Patcher at 60°F to 70°F for a 24 hour period prior to use. On hot days, protect containers from direct sun.

General Repairs

Place Stuccolite Patcher on the substrate to be repaired. Force the mix into the original surface and fill. Lightly trowel to the desired finish. Shave flush with the surrounding area.

Corners and details can be molded with a gloved hand or standard repair tools. Finish by brushing or brooming the surface to a light texture.

CURING:

Protect from heat and direct sun for 2 to 4 hours. Do not wet the surface until material has set. Maintain at least 50°F for 24 hours after application.

Stuccolite Patcher should be air cured, unless hot and/or drying winds or low humidity are present. Under such conditions, cure per Portland Cement Association Design and Control of Concrete Mixes (EB001.12T) and/or American Concrete Institute 308 - Standard Practice for Curing Concrete.

If other materials are to be installed over the substrate, consult that manufacturer for recommendations.

TECHNICAL DATA:

Compressive Strength

ASTM C 109	
24 hours air cured	150 psi
7 days air cured	325 psi
28 days air cured	675 psi

Density

ASTM C 185	
Dry	56 lb./cu. ft.
Wet	73 lb./cu. ft.

Elastic Modulus

ASTM C 165	
	231,000 psi

Shrinkage

ANSI 118.4, F-5	
28 days air cured	None

Water Retention

ASTM C 91	
	96%

LIMITATIONS:

- DO NOT** apply when the air or substrate temperature is below 50°F or above 110° F within 24 hours of application.
- DO NOT** coat with materials that will trap water in the substrate.
- DO NOT** use dirty water or tools.
- DO NOT** retemper after 5 minutes of mixing.
- DO NOT** over trowel.
- DO NOT** apply over substrates that are frozen or contain frost.
- DO NOT** add or mix any materials with this product unless approved by the *W.R. Bonsal Company*.
- DO NOT** add excessive amounts of water.
- DO NOT** apply over aerated concrete cured less than 7 days.

WARNING: Cracks in the material may reappear due to structural faults in the construction itself. The effectiveness of any repair depends on sound structures, proper preparation, and application.

COLORS:

White

COVERAGE:

General Repairs

0.9 cubic feet per 50 lb. bag

Resurfacing

50 lb. covers approximately 40 sq. ft. @ 1/4"

PACKAGING: 50 lb./22.7 kg multiply bag

SHELF LIFE:

One year from date of manufacture.

CAUTION: Contains Silicon Dioxide, Portland Cement and Calcium Hydroxide. Your skin may be sensitive to cement. Wearing rubber gloves is recommended. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water. For eyes, flush with clean water for at least 15 minutes and get prompt medical attention. Empty container may be hazardous to children.

KEEP OUT OF REACH OF CHILDREN.

Technical Assistance

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LIMITED WARRANTY: W.R. Bonsal Company ("Bonsal") warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal for its use, and Bonsal shall not be liable otherwise. Replacement of any defective product, or, at Bonsal's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES.

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